

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	418	(wafe substrate workpiece) with ("UBM" under adj bump)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/16 08:30
L2	157	L1 and electrode	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/16 08:30
L3	92	L2 and reflow\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/16 08:30
L4	65	L3 and metallurgy	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/16 08:30
L5	65	L4 and (metallurgy elctrode wafer substrate workpiece ubm under bump light emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/16 08:30
S8	361	(wafe substrate workpiece) with ("UBM" under adj bump)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/22 14:00
S10	20	S8 and ("LED" light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/22 14:22
S11	141	S8 and electrode	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/22 14:03
S12	83	S11 and reflow\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/22 14:09
S13	60	S12 and metallurgy	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/22 14:09
S14	60	S13 and (metallurgy elctrode wafer substrate workpiece ubm under bump light emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/22 14:11
S15	40	S14 and (printing print)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/22 14:11
S16	5	S15 and ("LED" light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/07/22 14:22
S17	361	(wafe substrate workpiece) with ("UBM" under adj bump)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 13:40
S18	0	(wafe substrate workpiece) with ("UBM" under adj bump) with("LED" light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 13:41

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S19	21	(wafe substrate workpiece) with ("UBM" under adj bump) and ("LED" light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 13:58
S20	21	(wafe substrate workpiece) with ("UBM" under adj bump) and ("LED" light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 13:44
S21	7	(wafe substrate workpiece) with ("UBM" under adj bump) and (light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 13:45
S22	68	(wafe substrate workpiece) with ("UBM" under adj bump) and (diode transistor light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 13:45
S23	119	(wafe substrate workpiece) with ("UBM" under adj bump) and (photodiode photonear3 diode phototransistor photo transistor light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 13:46
S24	17	(wafe substrate workpiece) with ("UBM" under adj bump) and (photodiode photo near3 diode phototransistor photo near3 transistor light adj emitt\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 13:46
S25	17	("UBM" under adj bump) and ("LED" light adj emitt\$3) with electrode	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 14:09
S26	3	2002/0105076	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 16:17
S27	1	"20020105076"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 14:17
S28	2	10/337622	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 17:36
S29	2	10/423240	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 16:34
S30	74	"5,470,787"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 16:34
S31	74	"5470787"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 17:02
S32	3	"10147245"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 17:02

## EAST Search History

S33	2	"10/147245"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 17:19
S34	1	10/711280	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 17:30
S35	2	10/337622	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/16 07:04
S36	1	"6486053"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/15 17:36
S37	0	2002/0104449	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/16 07:05
S38	1	"20020104449"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/16 07:05